Architecture Workspace Mentoring Guidelines
Support for Integrative Cancer Research Workspace Developers
December, 2004

Mentor	ICR Mentoring Project(s)
Patrick McConnell	DWD VISDA Q5 RProteomics (self)
Scott Oster	Magellan QPACA
Rakesh Nagarajan	Cancer Molecular Pages FunctionExpress (self)
David Kane	GoMiner (self) NCI-60 Data Sharing (self) Zebrafish microarray data sharing
Brian Gilman	HapMap, PromoterDB (self) PIR Reactome (self)
Ed Frank	SEED (self)
Ethan Cerami	Pathways Tool Development
Tom Moloshok	Proteomics LIMS (self)
Mike McCormick	TrAPSS
Josh Phillips	caArray

- Answer any architectural questions the ICR developer may have (e.g., choice of language, technologies, etc.)
- Identify experts in the Architecture Workspace (or beyond) to address questions/issues which they cannot answer themselves.
- Perform informal review(s) ICR developers' design documents and identify potential architectural problems at all levels.
- Work with the developer to ensure their system will be caBIG compatible at the appropriate level
- Identify opportunities for reuse so that what others have already built might be used in a given project
- Interact with VCDE mentors where appropriate to decide on architectural issues that are impacted by or that impact VCDE
    - Establish relationship with caDSR/EVS
    - Receive caDSR Reviewer Training to answer architectural questions pertaining to Vocabulary and Common Data Elements
- Communicate to the developer best practices defined by the Architecture Workspace.

- Perform a formal review and approval of developers' Requirements and Specification Document(s). If the mentor is from the same institution as the developer, identify a mentor from a different institution to perform an independent review of the document(s).
    - Receive Reviewer caCORE Training in order to properly review developers' Requirements and Specification Documents.